Message

From: George Allen [gallen@nescaum.org]
Sent: 2/12/2019 7:04:57 PM
To: Lisa Rector [lrector@nescaum.org]; Johnson, Steffan [johnson.steffan@epa.gov]
Subject: Re: FW: tunnel T

As a footnote, the PM WG recommend a max tunnel T of 100F
[38C]. While that may not be realistic even with 500 cfm tunnel
flow, the tunnel temps here are almost always well beyond 37C, with
most of the high fire runs higher than 60C. Not shown here is one
run that maxed out at 120C with Mark's 200 cfm tunnel [a different stove].
George

At 01:46 PM 2/12/2019, Lisa Rector wrote:
Stef, George just passed along the attached charts, these are tunnel
temps comparing ASTM and EPA M28R remember for the 1st 120
minutes. Tunnel flow 200 CFM, higher than most stoves tests. We
were surprised by the high tunnel temps so we compared to M28R. While
all have high temperature issues, we noticed the significantly higher
tunnel temps for ASTM than M28R. Also interesting is to look how the
ASTM start-up (included in the high fire) impacts the shape of the
high fire load, which looks to us like it has a very different shape
than ASTM. Any thoughts, is this news to you or expected?

-----Original Message-----
From: George Allen
Sent: Tuesday, February 12, 2019 12:58 PM
To: Lisa Rector <lrector@nescaum.org>
Subject: tunnel T

As pdf and as .gif grafics. Each is the first 120 minutes of the test.